

CLAIMS

WHAT IS CLAIMED:

1. A method for communicating data between a local server and a central server connected to a network, comprising:

storing data onto the central server;

storing an identification string onto the central server;

loading the identification string onto a personal digital assistant device;

loading the data onto the personal digital assistant device;

transmitting the data from the personal digital assistant device to the local server;

transmitting other data from the local server onto the personal digital assistant device; and

transferring the other data from the personal digital assistant device to the central server.

2. A method according to claim 1, wherein the step of transferring the other data further comprises:

synchronizing the personal digital assistant device to a personal computer connected to the network;
posting the other data to a web application server on the network;
transferring the other data to the central server;
and
receiving a status message from the web application server.

3. A method according to claim 1, further comprising:
inhibiting the local server from transmitting; and
enabling the local server to transmit after the communications between the local server and the personal digital assistant is complete.

4. A method according to claim 1, wherein the personal digital assistant device is a Palm device.

5. A method according to claim 1, wherein the data includes information from a retailer located within the vicinity of the local server.

6. A method according to claim 1, wherein the data includes a transportation schedule for transportation pickup locations located within the vicinity of the local server.

7. A method according to claim 1, wherein the data includes a game.

8. A method for connecting a browser to a web application server, comprising:

transmitting data to the personal digital assistant device;

receiving and storing the data in the personal digital assistant device;

synchronizing the personal digital assistant device with a personal computer;

registering a user by providing user identification information to the web application server;

launching a browser on the personal computer;

posting information from the personal computer to the web application server, wherein the information comprises:

the data transmitted to the personal digital assistant;
a timestamp, and
a user identifier;
storing the posted information onto a central server;
and
displaying on the browser information corresponding to the data.

9. A method according to claim 8, wherein the information displayed on the browser includes at least one hyperlink.

10. A method according to claim 9, further comprising:
recording referral information associated with the data on the central database.

11. A method according to claim 8, further comprising:
analyzing the information posted by said posting step; and
determining marketing information.

12. A method according to claim 8, wherein the data includes information from a retailer located within the vicinity from where the transmitting step occurred.

13. A method according to claim 8, wherein the data includes a transportation schedule for transportation pickup locations located within the vicinity from where the transmitting step occurred.

14. A method according to claim 8, wherein the data includes a game.

15. A method for accessing Internet websites using a personal digital assistant and a personal computer connected to an Internet, comprising:

transmitting data from a local server to the personal digital assistant, wherein the data includes

instructions on how to access a web application server, the instructions being viewable on the personal digital assistant, and

location specific data;

accessing the web application server;
registering a user's information on the web
application server;

receiving a user identifier on the personal digital
assistant after successfully completing said registering
step;

downloading and installing a conduit onto a personal
computer after completing said registering step if the
conduit is not already installed on the personal computer;

triggering the conduit during a synchronization of
the personal digital assistant to the personal computer;

checking for the user identifier on the personal
digital assistant device;

sending the user identifier to the web application
server from the personal digital assistant device if the
user identifier is found;

requesting the user's information from a central
server via the Internet if the user identifier was not
found in the checking step;

locating other data on the central server associated
with the location specific data;

querying the central server for at least one
hyperlink associated with the other data; and

displaying the at least one hyperlink on a browser on
the personal computer.

16. A method according to claim 15, wherein the other
data includes information from a retailer located within a
predetermined distance of the local server.

17. A method according to claim 15, wherein the other
data includes a transportation schedule for at least one
transportation pickup location located within the vicinity
of the local server.

18. A method according to claim 15, wherein the other
data includes a game.

19. A method for delivering data to a computing device
with a browser, comprising:

viewing an identification number on a display;

inputting the identification number into the
computing device;

connecting the computing device to a web application
server via the Internet;

transmitting from the computing device to the web
application server the identification number; and

receiving at the computing device from the web
application server data associated with the display.

20. A method according to claim 19, wherein the computing
device is a wireless application protocol enabled device.

21. A method according to claim 19, wherein the computing
device is a personal computer connected to the Internet.

22. A method according to claim 19, wherein the computing
device is a hand-held computing device.

23. A method for delivering data to a wireless
application protocol enabled device, comprising:

viewing an identification number on a display;

inputting the identification number into the wireless application protocol enabled device;

connecting the wireless application protocol enabled device to a web application server via the Internet;

transmitting from the wireless application protocol enabled device to the web application server the identification number;

receiving at the wireless application protocol enabled device from the web application server data associated with the display;

extracting a subscriber identification of the wireless application protocol enabled device from a wireless application protocol gateway;

mapping the data to a modified data; and

alerting the user of the modified data.

24. A method according to claim 19, wherein the data includes information about a retailer located within the vicinity of the display.

25. A method according to claim 19, wherein the data includes a transportation schedule for at least one transportation pickup location located within the vicinity of the display.

26. A method according to claim 19, wherein the data includes a game.

27. An apparatus for communicating data between a local server and a central server connected to a network, comprising:

means for storing data onto the central server;

means for storing an identification string onto the central server;

means for loading the identification string onto a personal digital assistant device;

means for loading the data onto the personal digital assistant device;

means for transmitting the data from the personal digital assistant device to the local server;

means for transmitting other data from the local server onto the personal digital assistant device; and

means for transferring the other data from the personal digital assistant device to the central server.

28. An apparatus according to claim 27, wherein the means for transferring the other data further comprises:

means for synchronizing the personal digital assistant device to a personal computer connected to the network;

means for posting the other data to a web application server on the network;

means for transferring the other data to the central server; and

means for receiving a status message from the web application server.

29. An apparatus according to claim 27, further comprising:

means for inhibiting the local server from transmitting; and

means for enabling the local server to transmit after the communications between the local server and the personal digital assistant is complete.

30. An apparatus according to claim 27, wherein the personal digital assistant device is a Palm device.

31. An apparatus according to claim 27, wherein the data includes information from a retailer located within the vicinity of the local server.

32. An apparatus according to claim 27, wherein the data includes a transportation schedule for transportation pickup locations located within the vicinity of the local server.

33. An apparatus according to claim 27, wherein the data includes a game.

34. An apparatus for connecting a browser to a web application server, comprising:

means for transmitting data to a personal digital assistant device;

means for receiving and storing the data in the personal digital assistant device;

means for synchronizing the personal digital assistant device with a personal computer;

means for registering a user by providing user identification information to the web application server;

means for launching a browser on the personal computer;

means for posting information from the personal computer to the web application server, wherein the information comprises:

the data transmitted to the personal digital assistant;

a timestamp, and

a user identifier;

means for storing the posted information onto a central server; and

means for displaying on the browser information corresponding to the data.

35. An apparatus according to claim 34, wherein the information displayed on the browser includes at least one hyperlink.

36. An apparatus according to claim 35, further comprising:

means for recording referral information associated with the data on the central database.

37. An apparatus according to claim 34, further comprising:

means for analyzing the posted information; and
means for determining marketing information.

38. An apparatus according to claim 34, wherein the data includes information from a retailer located within the vicinity of said means for transmitting.

39. An apparatus according to claim 34, wherein the data includes a transportation schedule for transportation

pickup locations located within the vicinity of said means for transmitting.

40. An apparatus according to claim 34, wherein the data includes a game.

41. An apparatus for accessing Internet websites using a personal digital assistant and a personal computer connected to an Internet, comprising:

means for transmitting data from a local server to the personal digital assistant, wherein the data includes instructions on how to access a web application server, the instructions being viewable on the personal digital assistant, and

location specific data;

means for accessing the web application server;

means for registering a user's information on the web application server;

means for receiving a user identifier on the personal digital assistant after the means for registering has successfully completed registering the user's information;

means for downloading and installing a conduit onto a personal computer if the conduit is not already installed on the personal computer;

means for triggering the conduit during a synchronization of the personal digital assistant to the personal computer;

means for checking for the user identifier on the personal digital assistant device;

means for sending the user identifier to the web application server from the personal digital assistant device if the user identifier is found;

means for requesting the user's information from a central server via the Internet if the user identifier was not found using the means for checking;

means for locating other data on the central server associated with the location specific data;

means for querying the central server for at least one hyperlink associated with the other data; and

means for displaying the at least one hyperlink on a browser on the personal computer.

42. An apparatus according to claim 41, wherein the other data includes information from a retailer located within a predetermined distance of the local server.

43. An apparatus according to claim 41, wherein the other data includes a transportation schedule for at least one transportation pickup location located within the vicinity of the local server.

44. An apparatus according to claim 41, wherein the other data includes a game.

45. An apparatus for delivering data to a computing device with a browser, comprising:

means for viewing an identification number on a display;

means for inputting the identification number into the computing device;

means for connecting the computing device to a web application server via the Internet;

means for transmitting from the computing device to the web application server the identification number; and

means for receiving at the computing device from the web application server data associated with the display.

46. An apparatus according to claim 45, wherein the computing device is a wireless application protocol enabled device.

47. An apparatus according to claim 45, wherein the computing device is a personal computer connected to the Internet.

48. An apparatus according to claim 45, wherein the computing device is a hand-held computing device.

49. An apparatus for delivering data to a wireless application protocol enabled device, comprising:

means for viewing an identification number on a display;

means for inputting the identification number into the wireless application protocol enabled device;

means for connecting the wireless application protocol enabled device to a web application server via the Internet;

means for transmitting from the wireless application protocol enabled device to the web application server the identification number;

means for receiving at the wireless application protocol enabled device from the web application server data associated with the display;

means for extracting a subscriber identification of the wireless application protocol enabled device from a wireless application protocol gateway;

means for mapping the data to a modified data; and

means for alerting the user of the modified data.

50. An apparatus according to claim 45, wherein the data includes information about a retailer located within the vicinity of the display.

51. An apparatus according to claim 45, wherein the data includes a transportation schedule for at least one transportation pickup location located within the vicinity of the display.

52. An apparatus according to claim 45, wherein the data includes a game.

53. A computer program, for communicating data between a local server and a central server connected to a network, operable to:

store data onto the central server;

store an identification string onto the central server;

load the identification string onto a personal digital assistant device;

load the data onto the personal digital assistant device;

transmit the data from the personal digital assistant device to the local server;

transmit other data from the local server onto the personal digital assistant device; and

transfer the other data from the personal digital assistant device to the central server.

54. A computer program, according to claim 53, wherein the transfer step is further operable to:

synchronize the personal digital assistant device to a personal computer connected to the network;

post the other data to a web application server on the network;

transfer the other data to the central server; and

receive a status message from the web application server.

55. A computer program, according to claim 53, further operable to:

inhibit the local server from transmitting; and

enable the local server to transmit after the communications between the local server and the personal digital assistant is complete.

56. A computer program for connecting a browser to a web application server, operable to:

transmit data to a personal digital assistant device;

receive and store the data in the personal digital assistant device;

synchronize the personal digital assistant device with a personal computer;

register a user by providing user identification information to the web application server;

launch a browser on the personal computer;

post information from the personal computer to the web application server, wherein the information comprises:

the data transmitted to the personal digital assistant;

a timestamp, and

a user identifier;

store the posted information onto a central server;

and

display on the browser information corresponding to the data.

57. A computer program, for accessing Internet websites using a personal digital assistant and a personal computer connected to an Internet, operable to:

transmit data from a local server to the personal digital assistant, wherein the data includes

instructions on how to access a web application server, the instructions being viewable on the personal digital assistant, and

location specific data;

access the web application server;

register a user's information on the web application server;

receive a user identifier on the personal digital assistant after successfully completing said register step;

download and installing a conduit onto a personal computer after completing said register step if the conduit is not already installed on the personal computer;

trigger the conduit during a synchronization of the personal digital assistant to the personal computer;

check for the user identifier on the personal digital assistant device;

send the user identifier to the web application server from the personal digital assistant device if the user identifier is found;

request the user's information from a central server via the Internet if the user identifier was not found in the check step;

locate other data on the central server associated with the location specific data;

query the central server for at least one hyperlink associated with the other data; and

display the at least one hyperlink on a browser on the personal computer.

58. A computer program, for delivering data to a computing device with a browser, operable to:

view an identification number on a display;

input the identification number into the computing device;

connect the computing device to a web application server via the Internet;

transmit from the computing device to the web application server the identification number; and

receive at the computing device from the web application server data associated with the display.

59. A computer program, for delivering data to a wireless application protocol enabled device with a browser, operable to:

view an identification number on a display;

input the identification number into the wireless application protocol enabled device;

connect the wireless application protocol enabled device to a web application server via the Internet;

transmit from the wireless application protocol enabled device to the web application server the identification number;

receive at the wireless application protocol enabled device from the web application server data associated with the display;

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map the data to a modified data; and
alert the user of the modified data.
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